

IN THE CLAIMS

Please amend the claims to read as follows:

Listing of Claims

1-16. (Canceled).

17. (Currently amended) A CDMA transmission data generating method, comprising the steps of:

(a) obtaining a rate-matching parameter ~~on the basis of the number of increase or decrease bits~~ Z_{ij} on each channel for each transmission frame by multiplying b with c, and then dividing the result of said multiplying by a, in which a, b, and c are defined by the following equation:

$$Z_{ij} = \left[\begin{array}{c} \text{b} \\ \parallel \\ \sum_{m=1}^i RM_m \cdot N_{mj} \\ \hline \sum_{m=1}^I RM_m \cdot N_{mj} \\ \parallel \\ \text{a} \end{array} \cdot N_{dataj} \right] \quad \text{for } \text{alli} = 1..I \quad (1)$$

where:

RMi represents the rate matching attribute of TrCH#i,

$N_{i,j}$ represent the number of bits per frame on TrCH#I,
and

$N_{data,j}$ represents the number of bits on CCTrCH₇
and

~~$\Delta N_{i,j}$ represent the number of increase or decrease
bits on TrCH#i; and~~

(b) rate-matching said each channel based on said rate
matching parameter Z_{ij} .

18. (Previously presented) A CDMA transmission data
generating method according to claim 17, further comprising the
steps of:

multiplexing said each rate-matched channel to generate
frame data matching frame length; and

interleaving said frame data to generate said transmission
frame.

19. (New) A CDMA transmission data generating apparatus,
comprising:

(a) a calculation section that obtains a rate-matching
parameter Z_{ij} on each channel for each transmission frame by
multiplying b with c, and then divides the result of said

multiplying by a, in which a, b, and c are defined by the following equation:

$$Z_{ij} = \left[\frac{\sum_{m=1}^i RM_m \cdot N_{mj}}{\sum_{m=1}^I RM_m \cdot N_{mj}} \cdot N_{dataj} \right] \quad \text{for } alli = 1..I \quad (1)$$

$\begin{matrix} b \\ \parallel \\ \end{matrix}$
 $\begin{matrix} \parallel \\ c \\ \end{matrix}$
 $\begin{matrix} a \\ \parallel \\ \end{matrix}$

where:

RM_i represents the rate matching attribute of TrCH#i,

N_{i,j} represent the number of bits per frame on TrCH#I,

and

N_{data,j} represents the number of bits on CCTrCH;

and

(b) a rate-matching section that rate matches said each channel based on said rate matching parameter Z_{ij}.

20. (New) A mobile terminal including a CDMA transmission data generating apparatus according to claim 19.

21. (New) A base station including a CDMA transmission data generating apparatus according to claim 19.